

Title (en)

GLASS COMPOSITION FOR DYE-SENSITIZED SOLAR CELL AND MATERIAL FOR DYE-SENSITIZED SOLAR CELL

Title (de)

GLASZUSAMMENSETZUNG FÜR FARBSTOFFSENSIBILISIERTE SOLARZELLE UND MATERIAL FÜR FARBSTOFFSENSIBILISIERTE SOLARZELLE

Title (fr)

COMPOSITION DE VERRE POUR CELLULE SOLAIRE SENSIBILISÉE PAR COLORANT ET MATÉRIAU POUR CELLULE SOLAIRE SENSIBILISÉE PAR COLORANT

Publication

EP 2295383 A4 20121010 (EN)

Application

EP 09700057 A 20090417

Priority

- JP 2009057740 W 20090417
- JP 2008108767 A 20080418
- JP 2008328881 A 20081225

Abstract (en)

[origin: US2009272294A1] The glass composition for a dye-sensitized solar cell of the present invention is characterized by including, as a glass composition, in terms of mass %, 60 to 87% of Bi₂O₃, 3 to 12% of B₂O₃, 0 to 20% of ZnO, and 0.5 to 10% of SiO₂+Al₂O₃+ZrO₂.

IPC 8 full level

C03C 8/04 (2006.01); **C03C 8/02** (2006.01); **C03C 8/24** (2006.01); **H01M 2/08** (2006.01); **H01M 14/00** (2006.01); **C03C 3/066** (2006.01)

CPC (source: EP US)

C03C 3/066 (2013.01 - EP US); **C03C 8/24** (2013.01 - EP US); **H01G 9/2031** (2013.01 - EP US); **H01G 9/2059** (2013.01 - EP US); **H01G 9/2068** (2013.01 - EP US); **Y02E 10/542** (2013.01 - EP US)

Citation (search report)

- [Y] EP 1291329 A1 20030312 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [Y] WO 2007075190 A1 20070705 - DU PONT [US], et al
- [Y] DATABASE WPI Week 199802, Derwent World Patents Index; AN 1998-014532, XP002682540
- [Y] DATABASE WPI Week 200352, Derwent World Patents Index; AN 2003-546376, XP002682542
- [Y] DATABASE WPI Week 200649, Derwent World Patents Index; AN 2006-474683, XP002682543
- [Y] DATABASE WPI Week 200271, Derwent World Patents Index; AN 2002-662859, XP002682544
- See references of WO 2009128527A1

Cited by

CN105502949A; EP2330084A4; CN112397315A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2009272294 A1 20091105; EP 2295383 A1 20110316; EP 2295383 A4 20121010; JP 2010168263 A 20100805; JP 5534550 B2 20140702; US 2012325311 A1 20121227; WO 2009128527 A1 20091022

DOCDB simple family (application)

US 45717409 A 20090603; EP 09700057 A 20090417; JP 2009057740 W 20090417; JP 2009100435 A 20090417; US 201213604926 A 20120906